


**IDS - 01/27/2005 ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18

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Title of Invention	Methods for Diagnosing Dementia-Related Neurological Disorders						
<div>Application Number : 10/645930 </div> <div>Confirmation Number: 8279</div> <div>First Named Applicant: Carsten Buhmann</div> <div>Attorney Docket Number: 0709.012.0002</div> <div>Art Unit:</div> <div>Examiner:</div> <div>Search string: ( 5059415 ).pn</div>							
<b>US Patent Documents</b>							
<b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b>							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CYW	1	5059415	1991-10-22	Neuwelt			
<b>Signature</b>							
Examiner Name				Date			
/Chang-Yu Wang/				01/25/2007			



PTO/SB/08A (08-03)

Approved for use through 07/31/2006 OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**Complete if Known**

Application Number	10/645,930
Filing Date	August 22, 2003
First Named Inventor	Helen Strekalova et al.
Art Unit	
Examiner Name	
Attorney Docket Number	P-5759

Sheet	1	of	3
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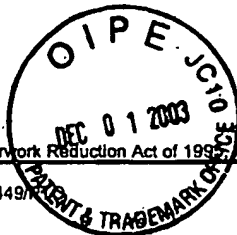
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet 2 of 3

Application Number	10/645,930
Filing Date	August 22, 2003
First Named Inventor	Helen Strekalova et al.
Art Unit	
Examiner Name	
Attorney Docket Number	P-5759

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
duplicate		MASSARO, et al., "Cerebrospinal Fluid Markers in Multiple Sclerosis: An Overview", Multiple Sclerosis, (1998), 1-4, 4.	
duplicate		POLTORAK et al., "Disturbances in Cell Recognition Molecules (N-CAM and L1 antigen) in the CSF of Patients with Schizophrenia", Exp. Neurol., (1995), 266-72, 131:2.	
duplicate		POLTORAK et al., "Increased Neural Cell Adhesion Molecule in the CSF of Patients with Mood Disorder", J. Neurochem., (1996), 1532-8, 66:4.	
CYW		POLTORAK et al., "Monozygotic twins discordant for schizophrenia are discordant for N-CAM and L1 in CSF", Brain Res., (1997), 152-4, 751:1.	
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		VAWTER et al., "CSF N-CAM in neuroleptic-naive first-episode patients with schizophrenia", Schizophr. Res., (1998), 123-31, 34:3.	
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CYW		VAWTER et al., "Characterization of Human Cleaved N-Cam and Association With Schizophrenia", Exp. Neurol., (2001), 29-46, 172:1.	

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Signature

/Chang-Yu Wang/

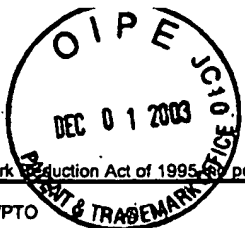
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Applicati n Numb r	10/645,830
Filing Dat	August 22, 2003
First Named Inventor	Helen Strekalova et al.
Art Unit	
Examiner Name	
Attorney Docket Number	P-5759

Sheet 3 of 3

**NON PATENT LITERATURE DOCUMENTS**

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CYW		VAWTER et al., "Alterations of Hippocampal Secreted N-Cam in Bipolar Disorder and Synaptophysin in Schizophrenia", Molecular Psychiatry, (1999), 467-475, 4:5.	

Examiner Signature	/Chang-Yu Wang/	Date Considered	01/25/2007
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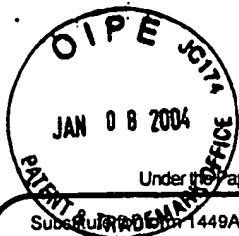
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Subsection 1448A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 5

**Complete if Known**

Application Number	10/645,930
Filing Date	August 22, 2003
First Named Inventor	Helen Strekalova
Group Art Unit	1645
Examiner Name	Unassigned
Attorney Docket Number	020187.0231PTUS

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CYW		ANDREASEN N, et al. Evaluation of CSF-tau and CSF-Abeta42 as diagnostic markers for Alzheimer disease in clinical practice. Arch Neurol, Mar 2001; 58:373-379.	
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CYW		GALASKO D. Cerebrospinal fluid opens a window on Alzheimer disease. Arch Neurol. June 1999; 56:655-656.	

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/Chang-Yu Wang/

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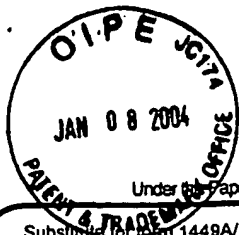
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Substitute Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 3 of 5

**Complete if Known**

Application Number	10/645,930
Filing Date	August 22, 2003
First Named Inventor	Helen Strekalova
Group/Art Unit	1645
Examiner Name	Unassigned
Attorney Docket Number	020187.0231PTUS

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CYW		GARLIND A, et al. Soluble interleukin-1 receptor type II levels are elevated in cerebrospinal fluid in Alzheimer's disease patients. Brain Res 1999; 826:112-116.	
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CYW		KAMIGUCHI H, et al. Role of L1 in neural development: what the knockouts tell us. Mol Cell Neurosci 1998; 12:48-55.	

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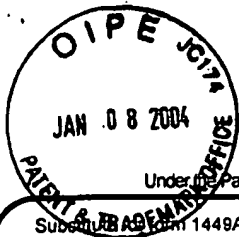
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Subpart 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 4 of 5

**Complete if Known**

Application Number	10/645,930
Filing Date	August 22, 2003
First Named Inventor	Helen Strekalova
Group Art Unit	1645
Examiner Name	Unassigned
Attorney Docket Number	020187.0231PTUS

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CYW		LAMMICH S, et al. Constitutive and regulated alpha-secretase cleavage of Alzheimer's amyloid precursor protein by a disintegrin metalloprotease. Proc Natl Acad Sci U S A, Mar. 1999; 96:3922-3927.	
		LEWIS LL, et al. Molecular And Functional Analysis of Human Natural Killer Cell-Associated Neural Cell Adhesion Molecule (N-Cam/CD56). J. Immuno. June 1991; 12: (146) 4421-4426.	
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CYW		PURCELL AE, et al. Assessment of neural cell adhesion molecule (NCAM) in autistic serum and postmortem brain. J Autism Dev Disord. April 2001; 31:183-194.	

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Signature

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Date

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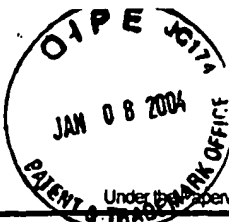
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		Application Number	10/645,930		
		Filing Date	August 22, 2003		
		First Named Inventor	Helen Strekalova		
		Group Art Unit	1645		
		Examiner Name	Unassigned		
Sheet	5	of	5	Attorney Docket Number	020187.0231PTUS

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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CYW		ROMAN GC, et al. Vascular dementia: diagnostic criteria for research studies. Report of the NINDS-AIREN International Workshop. Neurology, Feb. 1993; 43:250-260.	
		RONN LC, et al. The neural cell adhesion molecule in synaptic plasticity and ageing. Int J Dev Neurosci 2000; 18:193-199.	
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		THOMAIDOU D, et al. Soluble forms of NCAM and F3 neuronal cell adhesion molecules promote Schwann cell migration: identification of protein tyrosine phosphatases zeta/beta as the putative F3 receptors on Schwann cells. J Neurochem 2001; 78:767-778.	
↓		VUTSKITS L, et al. PSA-NCAM modulates BDNF-dependent survival and differentiation of cortical neurons. Eur J Neurosci, April 2001; 13:1391-1402.	
CYW		WHEAL HV, et al. Molecular mechanisms that underlie structural and functional changes at the postsynaptic membrane during synaptic plasticity. Prog Neurobiol 1998; 55:611-640.	

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
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